CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/03/2020-21 Date:22.04.2021

TEST REPORT ON CEMENT

Client : **Executive Engineer,** Yelahanka Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of Work : Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore

Sample : :Cement (Birla Super 53 grade OPC)

Sample Supplied by: : AGENCY

Date of Manufacture: : March - 2021

Date of Testing : 20.04.2021 to 22.04.2021

SLNo	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269:2015
1	a) Initial Setting Time	IS-4031 (Part - 5):1988(RA 2014)	130 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part - 5):1988(RA 2014)	340 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) :1988 (RA 2014) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	28.50%	-

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Pooja.S

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/03/2020-21 Date : 22.04.2021

TEST REPORT ON FINE AGGREGATES (SAND)

Client : **Executive Engineer,** Yelahanka Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of Work : Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore

Date of Testing : 22.04.2021

IS Code :IS 383:2016

:IS 2386 (Part 1):1963(RA 2011)

Material : Sand Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016 Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	85	8.50	8.50	91.5	90-100
2.36	122	12.20	20.70	79.3	75-100
1.18	171	17.10	37.80	62.2	55-90
600 Micron	249	24.90	62.70	37.3	35-59
300 Micron	186	18.60	81.30	18.7	8-30
150 Micron	119	11.90	93.20	6.8	0-10

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Pooja.S

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/03/2020-21 Date : 22.04.2021

TEST REPORT ON COARSE AGGREGATES

Client : **Executive Engineer,** Yelahanka Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of Work : Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore

Date of Testing : 22.04.2021

IS Code :IS 383:2016

:IS 2386 (Part 1):1963(RA 2011)

Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
80	0	0	0	100	100
40	211	1.41	1.41	98.59	95-100
20	8205	54.70	56.11	43.89	30-70
10	3167	21.11	77.22	22.78	10-35
4.75	2795	18.63	95.85	4.15	0-5

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Pooja.S

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/03/2020-21 Date : 22.04.2021

TEST REPORT ON COARSE AGGREGATES

Client : **Executive Engineer,** Yelahanka Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of Work : Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore

Date of Testing : 22.04.2021

IS Code :IS 383:2016

:IS 2386 (Part 1):1963(RA 2011)

Material : 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
40	0	0	0	100	100
20	208	4.2	4.2	95.8	95-100
10	2963	59.3	63.4	36.6	25-55
4.75	1478	29.6	93.0	7.0	0-10

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Pooja.S

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/03/2020-21 Date : 22.04.2021

TEST REPORT ON FINE AGGREGATES (SAND)
IS 2116-1980

Client : **Executive Engineer,** Yelahanka Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of Work : Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore

Date of Testing : 22.04.2021

Material : Masonry Sand Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 2116-1980
4.75	0	0.00	0.00	100.0	100
2.36	16	1.60	1.60	98.4	90-100
1.18	28	2.80	4.40	95.6	70-100
600 Micron	102	10.20	14.60	85.4	40-100
300 Micron	247	24.70	39.30	60.7	5-70
150 Micron	476	47.60	86.90	13.1	0-15

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Pooja. S

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No CQCE/BBMP/RS/03/2020-21

Date: 14.05.2021

PRECAST SLAB 100mm Thick(CORE) TEST REPORT

Client	:	**: Executive Engineer,** Yelahanka Division,BBMP, Bangalore.
Contractor	:	**: Sri. R Shivaram,** Contractor, Bangalore.
Name of Work	:	: Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore
No.of Sample Tested	:	03
Date of Testing	:	14.05.2021
Techinical Reference	:	IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete	:	M15

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	80.00	0.363	2310.93	1.60	0.957	24.50	12.48	13.48	12.89	16.12
2	50.00	83.00	0.382	2343.99	1.66	0.963	25.10	12.78	13.81	13.30	16.62
3	50.00	85.00	0.397	2378.71	1.70	0.968	26.20	13.34	14.41	13.94	17.43

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Pooja.S

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/03/2020-21 Date: 03.05.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Yelahanka Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.04.2021	03.05.2021	8.213	364.4	16.20
2	26.04.2021	03.05.2021	8.069	353.3	15.70
3	26.04.2021	03.05.2021	8.089	350.9	15.60

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Pooja.S
Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/03/2020-21 Date: 03.05.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Yelahanka Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.04.2021	03.05.2021	8.202	346.6	15.40
2	26.04.2021	03.05.2021	8.133	350.3	15.57
3	26.04.2021	03.05.2021	8.065	365.1	16.23

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Pooja. S

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/03/2020-21 Date: 03.05.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Yelahanka Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.04.2021	03.05.2021	8.202	366.6	16.29
2	26.04.2021	03.05.2021	8.165	359.9	16.00
3	26.04.2021	03.05.2021	8.099	372.2	16.54

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Pooja.S
Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/03/2020-21 Date: 04.05.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** Yelahanka Division,BBMP, Bangalore.
Agency	: **Sri. R Shivaram,** Contractor, Bangalore.
Name of the work	: Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.04.2021	04.05.2021	8.005	385.5	17.13
2	27.04.2021	04.05.2021	8.196	372.2	16.54
3	27.04.2021	04.05.2021	8.035	365.1	16.23

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Pooja. S

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/03/2020-21

Date: 04.05.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Yelahanka Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.04.2021	04.05.2021	8.133	380.6	16.92
2	27.04.2021	04.05.2021	8.111	399.9	17.77
3	27.04.2021	04.05.2021	8.074	407.2	18.10

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Pooja.S

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/03/2020-21

Date: 05.05.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** Yelahanka Division,BBMP, Bangalore.
Agency	: **Sri. R Shivaram,** Contractor, Bangalore.
Name of the work	: Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.04.2021	05.05.2021	8.120	360.3	16.01
2	28.04.2021	05.05.2021	8.051	377.4	16.77
3	28.04.2021	05.05.2021	8.087	391.5	17.40

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Pooja. S

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/03/2020-21

Date: 24.05.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Yelahanka Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.04.2021	24.05.2021	8.007	473.6	21.05
2	26.04.2021	24.05.2021	8.053	484.7	21.54
3	26.04.2021	24.05.2021	8.109	498.6	22.16

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Pooja. S

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/03/2020-21

Date: 25.05.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Yelahanka Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.04.2021	25.05.2021	8.073	492.5	21.89
2	27.04.2021	25.05.2021	8.109	501.4	22.28
3	27.04.2021	25.05.2021	8.125	515.6	22.92

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/03/2020-21 Date: 25.05.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Yelahanka Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.04.2021	25.05.2021	8.117	505.7	22.48
2	27.04.2021	25.05.2021	8.134	518.6	23.05
3	27.04.2021	25.05.2021	8.159	509.5	22.64

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/03/2020-21

Date: 26.05.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Yelahanka Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Improvements To Roads And Drains At Akshya Nagara and Surrounding Area In Ward No.03, BBMP, Bangalore

Sample ID : Cement Concrete for Columns

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.04.2021	26.05.2021	8.117	480.9	21.37
2	28.04.2021	26.05.2021	8.145	506.6	22.52
3	28.04.2021	26.05.2021	8.168	492.3	21.88

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-೧೦೬

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Pooja S

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com